

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1-3. (Canceled)

Claim 4. (Currently Amended) A method for quality control of a digital radio program

transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;

receiving, by the at least one receiver station, the digital radio program transmission;

evaluating digital quality data of ~~[[a]]~~ the received high-frequency digital radio program
transmission signal using the at least one receiver station so as to determine corresponding
parameter values;

transmitting the corresponding parameter values to a broadcast transmitter, the transmitting
being performed automatically via an Internet;

storing the transmitted corresponding parameter values for performing a frequency
prognosis; and

influencing a coding of ~~the~~ a subsequent transmission of the same digital radio program
~~transmission~~ using the transmitted corresponding parameter values;

wherein alternative transmitting frequencies are used in the subsequent transmission.

Claim 5. (Canceled)

Claim 6. (Previously Presented): The method as recited in claim 4 wherein the transmission is a broadcast transmission.

Claim 7. (Previously Presented): The method as recited in claim 4 wherein the step of storing the transmitted corresponding parameter values is performed by storing the transmitted corresponding parameter values in a data base for performing the frequency prognosis.

Claim 8. (Currently Amended): A method for quality control of a digital radio program transmission in a medium or short wave range, the method comprising the steps of:

- disposing at least one receiver station in or adjacent to a target area;
- receiving, by the at least one receiver station, the digital radio program transmission;
- evaluating digital quality data of ~~[[a]]~~ the received high-frequency digital radio program transmission ~~signal~~ using the at least one receiver station so as to determine corresponding parameter values;
- transmitting the corresponding parameter values to a broadcast transmitter, the transmitting being performed automatically via the Internet; and
- determining alternative transmit frequencies for a subsequent transmission of the same digital radio program using the transmitted corresponding parameter values.

Claim 9. (Canceled)

Claim 10. (Previously Presented): The method as recited in claim 8 wherein the transmission is a broadcast transmission.

Claim 11. (Previously Presented): The method as recited in claim 8 further comprising storing the transmitted corresponding parameter values in a data base for performing a frequency prognosis.

Claim 12. (Currently Amended): A method for quality control of a digital radio program transmission in a medium or short wave range, the method comprising the steps of:

providing a feedback channel to an AM transmitter for digital signals received in a target area, wherein a feedback is provided automatically via an Internet to the transmitter; ~~and~~

receiving the digital radio program transmission, by a receiver located in the target area; and

using the feedback channel to provide a high reception quality and coverage reliability by preselecting a stronger coding or modulation for the target area;

wherein the stronger coding or modulation results from a change in parameter values for a subsequent transmission of the same digital radio program, wherein the change in parameter values that correspond to an evaluation of digital quality data of ~~[[a]]~~ the received high-frequency digital radio program transmission, wherein the change in parameter values is provided by the receiver signal.

Claim 13. (Currently Amended): A method for quality control of a digital radio program transmission in a medium or short wave range, the method comprising the steps of:

providing a feedback channel to an AM transmitter for digital signals received in a target area, wherein a feedback is provided automatically via an Internet to the transmitter; ~~and~~
receiving the digital radio program transmission, by a receiver located in the target area; and
using the feedback channel to provide a high reception quality and coverage reliability by using alternative transmitting frequencies for a subsequent transmission of ~~[[a]]~~ the same digital radio program in conjunction with an automatic switchover;

wherein the high reception quality and coverage reliability results from a change in parameter values of a subsequent transmission of the same digital radio program, wherein the change in parameter values that correspond to an evaluation of ~~[[a]]~~ digital quality data of ~~[[a]]~~ the received high-frequency digital radio program transmission, wherein the change in parameter values is provided by the receiver signal.

Claim 14. (Currently Amended): A method for quality control of a digital radio program transmission in a medium or short wave range, the method comprising the steps of:

disposing at least one receiver station in or adjacent to a target area;
receiving, by the at least one receiver station, the digital radio transmission;
evaluating digital quality data of ~~[[a]]~~ the received high-frequency digital radio program transmission signal using the at least one receiver station so as to determine corresponding parameter values;

transmitting the corresponding parameter values to a broadcast transmitter having modulation stages, the transmitting being performed automatically via an Internet; and influencing the quantity of the modulation stages employed in a subsequent transmission of the same digital radio program using the transmitted corresponding parameter values.